

- a. Title - Investigation of ERTS/RBV Imagery for Photomapping of the United States

ERTS-1 Proposal No.: SR 211

- b. GSFC ID No. of P.I.: 056

- c. Statement and explanation of any problems that are impeding the progress of the investigation:

This investigator is not scheduled to receive imagery until September.

- d. Discussion of the accomplishments during the reporting period and those planned for the next reporting period:

Projections have been constructed and horizontal control plotted for four 1:1,000,000 scale map sheets in preparation for receipt of ERTS imagery. A few map points selected for the precision processing have been photo-identified on sample RBV and MSS images to demonstrate the feasibility of the procedure. During the next reporting period images will be rectified and/or ratioed, if necessary, and mosaicked to base sheets at 1:1,000,000 scale. At least one sheet will be prepared at 1:500,000 scale and another at 1:250,000 scale to determine optimum scale for ERTS imagery.

- e. Discussion of significant scientific results and their relationship to practical applications or operational problems including estimates of the cost benefits of any significant results (To be prepared in scientific abstract form of 200 words or less):

~~N/A~~ Not Applicable (N/A)

- f. A listing of published articles, and/or papers, pre-prints, in-house reports, abstracts of talks, that were released during the reporting period:

N/A

(E72-10108) INVESTIGATION OF ERTS/RBV
IMAGERY FOR PHOTOMAPPING OF THE UNITED
STATES Progress Report, 1 Jul. - 31 Aug.
1972 J.T. Pilonero (Geological Survey,
McLean, Va.) 1 Sep. 1972 3 p

N72-32360

CSC 08B G3/13

Unclas
00108

g. Recommendation concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system:

N/A

h. A listing by date of any changes in Standing Order Forms:

N/A

i. ERTS Image Descriptor forms:

N/A

j. Listing by date of any changed Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period:

N/A

k. Status of Data Collection Platforms (if applicable):

N/A

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INVESTIGATION OF ERTS/RBV IMAGERY FOR PHOTOMAPPING OF THE UNITED STATES

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1 September 1972

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Prepared for:

Goddard Space Flight Center
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